



Attorney's Docket No. 038867/271254

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor: Chengyan Zhao, *et al.* Confirmation No.: 1245
Appl. No.: 10/805,973 Art Unit: 1634
Filed: March 22, 2004 Examiner: Unassigned
For: METHODS AND COMPOSITIONS FOR ANALYZING AHASL GENES

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

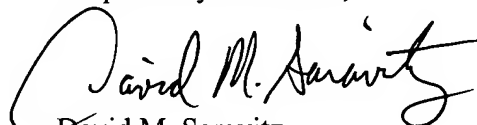
INFORMATION DISCLOSURE STATEMENT
CITATION UNDER 37 C.F.R. § 1.97

Sir:

Attached is a list of documents on form PTO-1449. In accordance with the Office waiver published July 11, 2003, copies of the cited U.S. patents and patent application publications are not enclosed. Applicant does enclose copies of any cited foreign patent documents and non-patent literature in accordance with 37 CFR 1.98(a)(2).

It is requested that the Examiner consider these documents and officially make them of record in accordance with the provisions of 37 C.F.R. § 1.97 and Section 609 of the MPEP. By submitting the listed documents, Applicant in no way makes any admission as to the prior art status of the listed documents, but is instead submitting the listed documents for the sake of full disclosure.

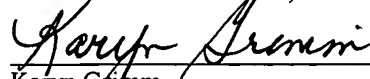
Respectfully submitted,


David M. Saravitz
Registration No. 55,593

Customer No. 00826
ALSTON & BIRD LLP
Bank of America Plaza
101 South Tryon Street, Suite 4000
Charlotte, NC 28280-4000
Tel Raleigh Office (919) 862-2200
Fax Raleigh Office (919) 862-2260

CERTIFICATE OF MAILING

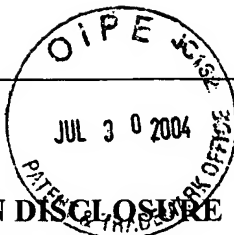
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to:
Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on July 28, 2004.


Karyn Grimm

Substitute for form 1449/PTO
(Revised 04/2003)

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)



Complete if Known

Application Number	10/805,973
Filing Date	March 22, 2004
First Named Inventor	Zhao
Group Art Unit	1634
Examiner Name	Unassigned
Attorney Docket Number	038867/271254

Sheet

1

of

2

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	Document Number Number - Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages of Relevant Figures Appear
	1	US-20030096277	05-22-2003	Chen	
	2	US-20030138780	07-24-2003	Gill, <i>et al.</i>	
	3	US-20040142353	07-22-2004	Brossard	
	4	US-5,595,890	01-21-1997	Newton, <i>et al.</i>	
	5	US-5,858,652	01-12-1999	Laffler, <i>et al.</i>	
	6	US-5,876,932	03-02-1999	Fischer	
	7	US-6,225,105	05-01-2001	Sathasivan, <i>et al.</i>	
	8	US-6,627,401	09-30-2003	Ralhan	

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No.	Foreign Patent Document Country Code - Number Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	English Language Translation Attached
	9	WO 03/013225 A2	02-20-2003	Konzak		
	10	WO 03/014356 A1	02-20-2003	Hucl		
	11	WO 03/014357 A1	02-20-2003	Pozniak, <i>et al.</i>		
	12	WO 2004/016073 A2	02-26-2003	Bowran, <i>et al.</i>		

Examiner
Signature

Date
Considered

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form 1449/PTO (Revised 04/2003) INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	10/805,973
				Filing Date	March 22, 2004
				First Named Inventor	Zhao
				Group Art Unit	1634
				Examiner Name	Unassigned
Sheet	2	of	2	Attorney Docket Number	038867/271254
OTHER DOCUMENTS					
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			English Language Translation Attached
	13	ASCENZI, R., <i>et al.</i> , (2003) International Society of Plant Molecular Biologists Congress, Barcelona, Spain, Ref. No. S10-17.			
	14	AYYADEVARA, S., <i>et al.</i> , "Discrimination of Primer 3'-Nucleotide Mismatch by <i>Taq</i> DNA Polymerase during Polymerase Chain Reaction," <i>Analytical Biochemistry</i> , 2000, pp. 11-18, Vol. 284, Academic Press.			
	15	CHANG, A. and DUGGLEBY, R., "Herbicide-resistant forms of <i>Arabidopsis thaliana</i> acetohydroxyacid synthase: characterization of the catalytic properties and sensitivity to inhibitors of four defined mutants," <i>Biochemistry Journal</i> , 1998, pp. 765-777, Vol. 333.			
	16	HATTORI, J., <i>et al.</i> , "Multiple resistance to sulfonylureas and imidazolinones conferred by an acetohydroxyacid synthase gene with separate mutations for selective resistance," <i>Molecular Genetics</i> , 1992, pp. 167-173, Vol. 232.			
	17	LEE, I., <i>et al.</i> , "Guidelines for incorporating non-perfectly matched oligonucleotides into target-specific hybridization probes for DNA microarray," <i>Nucleic Acids Research</i> , 2004, pp. 681-690, Vol. 32, Oxford University Press.			
	18	NEWTON, C., <i>et al.</i> , "Analysis of any point mutation in DNA. The amplification refractory mutation system (ARMS)," <i>Nucleic Acids Research</i> , 1989, pp. 2503-2516, Vol. 17, No. 7, Oxford University Press.			
	19	PETTERSSON, M., <i>et al.</i> , "Molecular haplotype determination using allele-specific PCR and Pyrosequencing technology," <i>Genomics</i> , 2003, pp. 390-396, Vol. 82, Elsevier Science.			
	20	SATHASIVAN, K., <i>et al.</i> , "Nucleotide sequence of a mutant acetolactate synthase gene from an imidazolinone-resistant <i>Arabidopsis thaliana</i> var. Columbia," <i>Nucleic Acids Research</i> , 1990, p. 2188, Vol. 18, No. 8, Oxford University Press.			
	21	SATHASIVAN, K., <i>et al.</i> , "Molecular Basis of Imidazolinone Herbicide Resistance in <i>Arabidopsis thaliana</i> var. Columbia," <i>Plant Physiology</i> , 1991, pp. 1044-1050, Vol. 97.			
	22	SEE, D., <i>et al.</i> , "Electrophoretic Detection of Single-Nucleotide Polymorphisms," <i>BioTechniques</i> , 2000, pp. 710-716, Vol. 28.			
	23	STEIN, N., <i>et al.</i> , "A new DNA extraction method for high-throughput marker analysis in a large-genome species such as <i>Triticum aestivum</i> ," <i>Plant Breeding</i> , 2001, pp. 354-356, Vol. 120, Blackwell Wissenschafts-Verlag, Germany.			
	24	WU, D., <i>et al.</i> , "Allele-specific enzymatic amplification of β -globin genomic DNA for diagnosis of sickle cell anemia," <i>Proceedings of the National Academy of Sciences USA</i> , 1989, pp. 2757-2760, Vol. 86.			
Examiner Signature				Date Considered	

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.